

Table of Contents

Help file for the install_project.py file (version 081031).....	1
---	---

Help file for the install_project.py file (version 081031)

```
> python install_project.py -h
install_project.py - version 081031:  install a project in the current directory
```

Usage:

```
python install_project.py -p <project> -v <version> [-b| --binary=<bin> ] [-d or --debug] [

    $CMTCONFIG is the binary directory name
creates log/          to receive log files
    scripts/        to receive script files
    lcg/            to receive lcg software
    lhcb/          to receive lhcb software
    contrib/       to receive CMT and OpenScientist
    targz/         to receive tar files from the web
    $CMTCONFIG/    to receive runtime libraries
download necessary scripts in scripts/
get the list of projects to download
download project sources
if binaries are required: download project binaries
otherwise compile project sources
-d or --debug        : to print more info
-l or --list         : to list the <project>_<version>_*.tar.gz files available on the web
-r or --remove       : remove the <project>/<version>
-c or --cmtversion   : download this CMT version
-m do_config         : to make a 'cmt broadcast cmt config' of all projects but LCGCMT
-m global            : to compile all projects but LCGCMT
-m select            : to compile only the project given in -p argument
-h or --help         : to print this help
-b                  : to import $CMTCONFIG binaries
--binary=<bin>       : to import another binary (i.e. $CMTCONFIG_dbg on Linux)
                    : this triggers a 'cmt broadcast cmt config' of all projects but LCGCMT
-f                  : to import source, $CMTCONFIG binaries, $CMTCONFIG_dbg binaries and
                    : to make a 'cmt broadcast cmt config' of all projects but LCGCMT
-n or -nocheck       : no md5 check of the tar balls
--retry=<nb>         : nb of retries for the download (default=1)
```

Perequisite:

```
requires python version >= 2.3.4 on Win32 and python >=2.3 on Linux
the following environment variables should have been set before invoking the script:
    $MYSITEROOT is the full path of the current directory
    $MYSITEROOT is not a link.
    > cd $MYSITEROOT
    the answer given by the pwd command should be strickly identical to $MYSITEROOT
    $CMTCONFIG is the binary directory name
    if you want to download binaries $CMTCONFIG should be identical to
    one the LHCb CERN platforms
```

Remarks:

```
scripts and system tar.gz files are always download
project tar.gz files are not download if they already exist.
tar.gz file which cannot be untared is removed and a message is printed
```

This topic: [LHCb > InstallProjecHelp](#)

Topic revision: r1 - 2008-11-28 - DavidHutchcroft



Copyright &© 2008-2021 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

or Ideas, requests, problems regarding TWiki? use [Discourse](#) or [Send feedback](#)